BOOK

ns		Contents	Reference to last Measuremen
eadth	Depth		
5	6	7	8

I st and Final Bill Work code:- 006-17-000044
Est cost Rs-10.00 lacs

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355320

Serial No. ..... Providing cc camera At Garbage Block spots
Name of Work ... in Ward No. 06 ... From ..... To .....
Name of Contractor of nature of Agency ..... Executive Engineer
Date of commencement of work .... KRIDL ... 280.59 M Cross Road ... 17 th C Main Road 3rd y Block Rajajinagara Bangalore-10

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No - BBMP/EE/BTP/WO/169/2018-19.						
	(1) Outdoor PTZ cameras with 20 x optical zoom with Controller along with Swivel Mounting System (PTZ Pan tilt Zoom) and zoom feature is available in this camera can be controlled center and can be programmed to view as different angles and zoom level consecutively is operated as day and night and the viewing distance clarity						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	is about 100 meters direction of the Engineer incharge of the work. Hegadenagara Main Road. Sampigehally Police Station.	1	–	–	–	1 Nos	
	Rate · 78462·00						78462·00
	(2) Bracket (corner mount/wall mount) for Mounting the PTZ Camera.						
	(1) Hegadenagara Near Ward office	1	–	–	–	1	
	(2) Hegadenagara Near Gudra canteen	1	–	–	–	1	

M. A
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	(Transgrese Poles)	
	(3) Hegadenagara Govt School.	1
	(4) Hegadenagara Circle.	1
	(5) Near Police Station Transgrese Poles	1
	(6) Near 8 Cross Hegadenagara.	1
	Rate - 4267·00	
	(3) Out Door 50 Meter IR with IR and Mounting	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
		on the Engineer
–	1 Nos	78462:00
		(Mounds) For Mounding
–	1	
–	1	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355321

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(Karadese Poles)						
	③ Hegadenagara Govt School.	1	–	–	–	1	
	④ Hegadenagara Circle.	1	–	–	–	1	
	⑤ Near Police Fixing	1	–	–	–	1	
	⑥ Karadese Poles	1	–	–	–	1	
	Near 8th Cross Hegadenagara. Rate - 4267:00					6 Nos	25602:00
3	Out Door 50 Meter IP Camaras with IR and Mounding with IR and Mounding Brackets (with IR For day						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremen
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and night vision and can provided a viewing distance of 50 meters.						
	(1) Hegadenagara Near ward office	1	-	-	-	1	
	(2) Near Gudra Canteen	1	-	-	-	1	
	(3) Hegadenagara Govt School	1	-	-	-	1	
	(4) Hegadenagara circle	1	-	-	-	1	
	(5) Near Police Training	1	-	-	-	1	
	(6) Kanagee Pond Near 8th cross Hegadenagara.	1	-	-	-	1	
	Rate - 21160:00					6 Nos	126960:00

M. A
Me

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
(4)	Bracket and weather IP camara.	
	(1) Hegadenagara Near ward office	1
	(2) Near Gudra Canteen	1
	(3) Hegadenagara Govt School	1
	(4) Hegadenagara circle	1
	(5) Near Police Training	1
	(6) Near Kanagee Pond 8th cross.	1
	Rate - 1545:00	

NT BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			...provided a viewing
-	-	1	
-	-	1	
-	-	1	
-	-	1	
-	-	1	
-	-	1	
		6 Nos	[26960:00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355322

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(4)	Bracket and weatherproof installation kit for 50 meter IP camara.						
	(1) Hegadenagara Near Bond office	1	-	-	-	1	
	(2) Near Gudra Canteen	1	-	-	-	1	
	(3) Hegadenagara Boys school	1	-	-	-	1	
	(4) Hegadenagara office	1	-	-	-	1	
	(5) Near Police Training	1	-	-	-	1	
	(6) Near Bhukanagere Pond	1	-	-	-	1	
	Page - 1545:00					6 Nos	9270:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	outdoor 30 meter IP Camaras with IR and Mounting Bracket (with IR for day and night vision and camera viewing distance of 30 meters).						
(1)	Hegadenagara Near ward office	1	-	-	-	1	
(2)	Near Indra Canteen	1	-	-	-	1	
(3)	Hegadenagara Govt School	1	-	-	-	1	
(4)	Hegadenagara circle	1	-	-	-	1	
(5)	Near Police Training Centre Road	1	-	-	-	1	
(6)	Near GM Cross	1	-	-	-	1	
	Rate · 15260:00					6 Nos	91560:00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
(6)	Bracket and wea IP Camara.	
(1)	Hegadenagara Near ward office	
(2)	Near Indra Canteen	
(3)	Hegadenagara Govt school	
(4)	Hegadenagara circle.	
(5)	Near Police Train Centre Road	
(6)	Near GM Cross.	
	Rate · 1491:00	

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
aras with IR and Mounting		with vision and camera	
ensing).			
-	-	1	
-	-	1	
-	-	1	
-	-	1	
-	-	1	
-	-	1	
		6 nos	91560:00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355323

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(6)	Bracket and weather proof installation kit for 30 meter IP Camera.						
(1)	Hegadenagara near Ward office	1	-	-	-	1	
(2)	Near Indra Canteen	1	-	-	-	1	
(3)	Hegadenagara Kovarschool	1	-	-	-	1	
(4)	Hegadenagara circle.	1	-	-	-	1	
(5)	Near Police Temple	1				1	
(6)	Near Gowda Road Cross.	1			-	1	8946:00
	Rate - 1491:00					6 nos	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	32 channel NVR DS 7732 NI-E4 (with 4 Sata Option) the control box and the recording device to connect upto 32 devices can be cascaded to provide additional cameras.						
(1)		1	-	-	-	1.	
	Rate · 66982:00					1 Nos	66982:00
(8)	12 TB Nas Box For Back up (Hard Disk) Provides Storage for the recorded data for quick view back and stores.						

M. A. P
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Serial No. .....
Name of Work ..... From..
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	(1)	1
	Rate · 257420:00	
(9)	4 TB Sata For Stora For Storage ..	
	(1)	1
	(2)	1
	Rate · 22850:00	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		2 Nos - E4 (with 4 Sets of Pigtail recording device to connect ... & cabled to provide additional	
-	-	1. / 1 Nos	66982:00
		up (Web Gear) Provides ... d data for quick views	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355324

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(1) Rate - 257420:00	1	-	-	-	1 / 1 Nos	257420:00
	(2) 4 TB SATA For Storage and fitted in the NVR Device For Storage "						
	(1)	1	-	-	-	1	
	(2) Rate - 22850:00	1	-	-	-	1 / 2 Nos	45700:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	A Heritage Steel metal Control Panel to house Site Equipments (weather Proof) the Power Supply and the Ethernet Connecting adapter is stored in the box.						
	(1) Near Ward office Nagadenahara	2	-	-	-	2	
	(2) Near Bhopalcanteen	2	-	-	-	2	
	(3) Nagadenahara Girls School	2	-	-	-	2	
	(4) Nagadenahara free	2	-	-	-	2	
	(5) Near Police Training College Pond	2	-	-	-	2	
	(6) Near Gun Creek.	2	-	-	-	2	
	Rate - 1526:00					12 Nos	18312:00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
(11)	Power Supply For	
	(1)	2
	(2)	2
	(3)	2
	(4)	2
	(5)	2
	(6)	2
	Rate - 461:00	

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
trol Panel to house		
roof) the Power Supply		
ey adapter is stored		
- -	2	
- -	2	
- -	2	
- -	2	
- -	2	
- -	2	
- -	2	
	12 Nos	18312:00

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Measurement Book

No. B 355325

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(11)	Power Supply For the Camera.						
	(1)	2	-	-	-	2	
	(2)	2	-	-	-	2	
	(3)	2	-	-	-	2	
	(4)	2	-	-	-	2	
	(5)	2	-	-	-	2	
	(6)	2	-	-	-	2	
						12 Nos	5532:00
	Page - 461:00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12)	Ethernet Switch for Connectively to internet and Camera.						
	(1)	2	–	–	–	2	
	(2)	2	–	–	–	2	
	(3)	2	–	–	–	2	
	(4)	2	–	–	–	2	
	(5)	2	–	–	–	2	
	(6)	2	–	–	–	2	
						12 Nos	11400=00
	Rate - 950=00						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
(13)	Supply and Laying to the Control Box	
	(1)	
	(2)	
	(3)	
	(4)	
	(5)	
	(6)	
	Rate - 389=00	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
etively to internet			
–	–	2	
–	–	2	
–	–	2	
–	–	2	
–	–	2	
–	–	2	
		12 NOS	11400 : 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355326

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(13)	Supply and Laying of Network and Power Cables for Camera to the Control Box.						
	(1)	1	–	–	–	1	
	(2)	1	–	–	–	1	
	(3)	1	–	–	–	1	
	(4)	1	–	–	–	1	
	(5)	1	–	–	–	1	
	(6)	1	–	–	–	1	
		3	–	–	–	3	
	Page - 389 : 00					9 NOS	3474 : 00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Video Manager application Software for display and management & Camera on Audio Display.						
	(1)	1	–	–	–	1	
	(2)	1	–	–	–	1	
	(3)	1	–	–	–	1	
	(4)	1	–	–	–	1	
	(5)	1	–	–	–	1	
	(6)	1	–	–	–	1	
						6 Nos	120000 :
	Page : 20000 : 00						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
(15)	Installation Exec	
	(1) Near Ward office Kegadenagara	
	(2) Near Gnana Cambo	
	(3) Kegadenagara Govt School C	
	(4) Kegadenagara Circle	
	(5) Near Police Station Kengeri	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
Software for display on Audio Display.			
–	–	1	
–	–	1	
–	–	1	
–	–	1	
–	–	1	
–	–	1	
		6 Nos	120000

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355327

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
15	Installation Erection and Commissioning charges.						
1	Near Ward office Kegadenagara	1	–	–	–	1	
2	Near Indira Canteen	1	–	–	–	1	
3	Kegadenagara Govt School C	1	–	–	–	1	
4	Kegadenagara Circle	1	–	–	–	1	
5	Near Police Training Centre Kengeri	1	–	–	–	1	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(B) Near 8th Cross	1	–	–	–	1	
						6 Nos	30360 : 00
	Rate - 5060 : 00						
					Total Rs -		900007 : 00
	C & F C			Add 10% ICRISC Charges Rs -			90000 : 70
				Add 1% Labour Cess Rs -			9000 : 07
					Total Rs -		999008 : 77
	Certificate - (1) Certified that the work done satisfa						
	(2) This bill amounts has not been clim						
	(3) are to Precious bill.						
20/12/2019							

M.
N

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3